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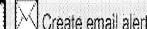
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Did you mean: (handwriting OR "electronic ink" OR **graffiti** OR graffiti) * recognition * node * treeFinding structure in diversity: A hierarchical clustering method for the categorization of allographs in handwriting

[PDF] from psu.edu

L Vuorpi, L Schomaker - Document Analysis and Recognition ..., 2002 - ieeexplore.ieee.org

... knowledge on character shapes can be used im- mediately in a practical **recognition** system. ...first step towards the semi-automatic detection of ba- sic character shapes in **handwriting**, we will ... that at the top-level hierarchy indeed three clusters exist, represented by **node 0** (level ...

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Online handwriting recognition: the NPen++ recognizer

[PDF] from handwritten.net

S Jaeger, S Manke, J Reichert, A Waibel - ... Analysis and Recognition, 2001 - Springer

... It combines a **tree** representation of the dictionary Page 8. 176 S. Jaeger et al.: Online **handwriting recognition**: the NPen++ recognizer a b l c d e n o a e a i f b ... z A Z e internal nodes end nodes root node Fig. 20. **Tree** representation of a dictionary ...

Cited by 48 · Related articles · All 5 versions

Writer identification of Chinese handwriting documents using hidden Markov tree model

Z He, X You, YY Tang - Pattern Recognition, 2008 - Elsevier

... based writer identification, a branch of biometrics, is an active research topic in pattern **recognition** ... as an effective and classic method for off-line, text-independent **handwriting** identification, while ... this paper, we present a novel method based on hidden Markov **tree** (HMT) model ...

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[PDF] Npen++: An on-line handwriting recognition system

[PDF] from kyunl

S Jaeger, S Manke, A Waibel - ... In Handwriting Recognition, 2000 - unipen.nict.kun.nl

... are an example of combining off-line and on-line information in **handwriting recognition**[8]. This ...Network (TDNN) [11] , which has been applied successfully to on-line singlecharac- ter **recognition** tasks ... an inactiveHMM and when to turn off an active one.Every HMM-node in the ...

Cited by 31 · Related articles · View as HTML · All 15 versions

Statistical pattern recognition: A review

[PDF] from psu.edu

AK Jain, RW Duin, J Mao - IEEE Transactions on pattern ..., 2000 - ieeexplore.ieee.org

... New and emerging applications, such as data mining, web searching, retrieval of multimedia data, face **recognition**, and cursive **handwriting recognition**, require robust and efficient ... In some sense, most of the approaches in statistical pattern **recognition** (leaf nodes in the ...

Cited by 2547 · Related articles · Bl. Direct · All 166 versions

[PDF] from unibail.it

[PDF] Progress in handwriting recognition

AC Downton, S Impedovo - Feature Extraction chapter, ..., 1997 - retepuglia.uniba.it

... UK office: 73 Lynton Mead, Totteridge, London N20 8DH PROGRESS IN HANDWRITING

RECOGNITION Copyright © 1997 by ... the conditions in the path from the RN to the **node** which precedes ... In the **recognition** phase, starting from the RN, the classifier verifies the condition ...

Cited by 22 · Related articles · All 3 versions

Analysis and design of a decision tree based on entropy reduction and its application to large character set recognition

QA Wang, CY Suen - Pattern Analysis and Machine ..., 2009 - ieexplore.ieee.org

... In other words the uncertainty about the class to which the unknown should belong needs to be removed in the **recognition** process. ... 1. In the **decision tree**, the entropy is initially large at the root **node**, and it decreases as the un-known pattern goes from an internal **node** ...

Cited by 73 · Related articles · All 3 versions

Universal symbolic handwriting recognition system

FC Carman - US Patent 5,454,046, 1995 - Google Patents

... **TREE NODE** 386 CREATE AND VISIT DOWN SEARCH **TREE NODE** 388 ... 410 PERFORM

PARSER-LEVEL **RECOGNITION** 428 416 WORD CONFIRMATION 430 420 ... 5,454,046 10 20

UNIVERSAL SYMBOLIC HANDWRITING RECOGNITION SYSTEM TECHNICAL FIELD The ...

Cited by 71 · Related articles · All 4 versions

On-line recognition of handwritten Arabic characters

S Al-Emary, M Usher - Pattern Analysis and Machine ..., 2002 - ieexplore.ieee.org

... as explained above, and two small **trees** for the upper and lower dots are also contained within each **node** of the ... 2 in practice), and dots links (0, 1, 2, 3, and 4). The structure and contents of the **tree** will be illustrated by con-sidering the learning and **recognition** processes in ...

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[PDF] from lu-muenchen.de

[PDF] Tree-based state clustering using self-organizing principles for large vocabulary on-line handwriting recognition

A Kosmala, G Rigoll - ... PATTERN RECOGNITION, 1998 - mmk.e-technik.tu-muenchen.de

... The introduction of context dependentHMMs for **handwriting recognition** was first mentioned in [

4]. More extensive investigations on the use of context de ... realiza-tion of the graphemes*/a*/.

At the beginning, all states of the setSare collected in the root **node** of the **tree**. ...

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